

FIG. 1

	100(0) 100(1) 100(2) 100(3) 100(4) 100(5) :	YC Y	YCr Y YCb Y YCb Y YCr Y YCr Y YCr Y YCr Y	YCr         Y
	100(N)	YCY YCYYCY	YCb Y	YCb Y YCb Y
		FIGURE 2		FIGURE 4
Top Field	100(0) 100(2) 100(4) 100(6)	YC Y YC YYC Y YC Y YC Y YC Y YC		•
	100(N-1)	YCY YCYYCY		
Bottom Field	100(1) 100(3) 100(5) 100(7)	YC Y YC YYC Y YC Y YC Y YC Y YC		
	: 100(N)	YC Y YC YYC Y		
		FIGURE 3		

100(0)	$M_{0,0}^{y}/M_{0,0}^{c}$	$M_{0,1}^{y}/M_{0,1}^{c}$	•••••	$M_{0,NMBX-1}^{y}/M_{0,NMBX-1}^{c}$
100(2)				
:				·
100(30)				
100(32)	$M_{1,0}^{y}/M_{1,0}^{c}$	$M_{1,1}^{y}/M_{1,1}^{c}$		M <sub>1,NMBX-1</sub> y/M <sub>1,NMBX-1</sub> c
100(34)				
:				
100(62)				
:				
	M <sub>NMBY-1,0</sub> <sup>y</sup>	M <sub>NMBY-1,1</sub> <sup>y</sup>	•••••	M <sub>NMBY-1,NMBX-1</sub> y
	$M_{1,0}^{c}$	$M_{1,1}^{c}$		M <sub>1,NMBX-1</sub> <sup>c</sup>

# Top Field

100(1)	$M_{0,0}^{y}/M_{0,0}^{c}$	$M_{0,1}^{y}/M_{0,1}^{c}$	•••••	M <sub>0,NMBX-1</sub> y/M <sub>0,NMBX-1</sub> c
100(3)				
:				
100(31)		<u>:</u>		
100(33)	$M_{1,0}^{y}/M_{1,0}^{c}$	$M_{1,1}^{y}/M_{1,1}^{c}$	•••••	M <sub>1,NMBX-1</sub> <sup>y</sup> /M <sub>1,NMBX-1</sub> <sup>c</sup>
100(35)				
:				
100(63)		•		·
:	<u> </u>	·		
	M <sub>NMBY-1,0</sub> <sup>y</sup>	M <sub>NMBY-1,1</sub> <sup>y</sup>	•••••	M <sub>NMBY-1,NMBX-1</sub> y
	$M_{1,0}^{c}$	$M_{1,1}^{c}$		M <sub>1,NMBX-1</sub> <sup>c</sup>
		,		

**Bottom Field** 

FIGURE 5A

#### TOP FIELD

48Y(0) YYYYYYYYYYYYYY	
48Y(1) YYYYYYYYYYYYYYY	
48Y(2) YYYYYYYYYYYYYY	
48Y(15) YYYYYYYYYYYYYYY	
$48Y(16-31)$ $\mathbf{M_{0,1}}^{y}$	
•	
$48Y(32-47) \ \mathbf{M_{0,2}}^{y}$	
:	
V	
$\mathbf{M}_{NMBY-1,NMBX-1}^{y}$	
M <sub>NMBY-1,NMBX-1</sub> '	
:	
BOTTOM FIELD	
BOTTOM FIELD  M <sub>0,0</sub> <sup>y</sup>	
BOTTOM FIELD  M <sub>0,0</sub> <sup>y</sup> M <sub>0,1</sub> <sup>y</sup>	
:  BOTTOM FIELD  M <sub>0,0</sub> M <sub>0,1</sub> :	
: BOTTOM FIELD $M_{0,0}^{y}$ $M_{0,1}^{y}$ : $M_{0,NMBX-1}^{y}$	
: BOTTOM FIELD $M_{0,0}^{y}$ $M_{0,1}^{y}$ : $M_{0,NMBX-1}^{y}$ $M_{1,0}^{y}$	
:  BOTTOM FIELD  M <sub>0,0</sub> <sup>y</sup> M <sub>0,1</sub> <sup>y</sup> :  M <sub>0,NMBX-1</sub> <sup>y</sup> M <sub>1,0</sub> <sup>y</sup> :	

### FIGURE 5B

#### TOP FIELD

48C(0)
CbCbCrCrCbCbCrCrCbCbCrCr
48C(1) CbCbCrCrCbCbCrCrCbCbCrCrCbCbCrCr
48C(2) CbCbCrCrCbCbCrCrCbCbCrCrCbCbCrCr
·
48C(7) CbCbCrCrCbCbCrCrCbCbCrCrCbCbCrCr
48C(8-15) $\mathbf{M_{0,1}}^{c}$
48C(16-23) M <sub>0,2</sub> <sup>c</sup>
:
M <sub>NMBC-1,NMBX-1</sub> <sup>c</sup>
:
BOTTOM FIELD
$\mathbf{M_{0,0}}^{\mathbf{c}}$
$\mathbf{M_{0,1}}^{\mathbf{c}}$
:
$\mathbf{M}_{0,\mathrm{NMBX-1}}^{\mathbf{c}}$
M <sub>1,0</sub> <sup>c</sup>
M <sub>1,NMBX-1</sub> <sup>c</sup>
•
•

## FIGURE 5C

SCALAR 705 COMPOSITOR 710

FEEDER 715 DEINTERLACER 720

FIG. 6

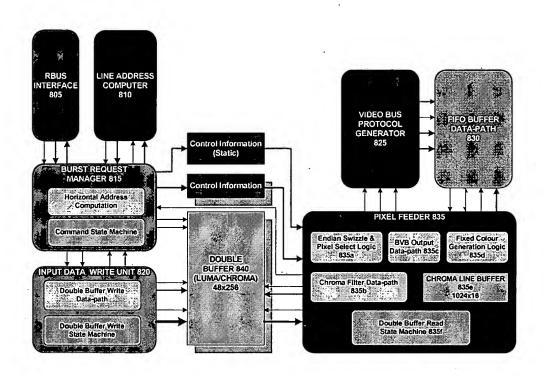


FIGURE 7

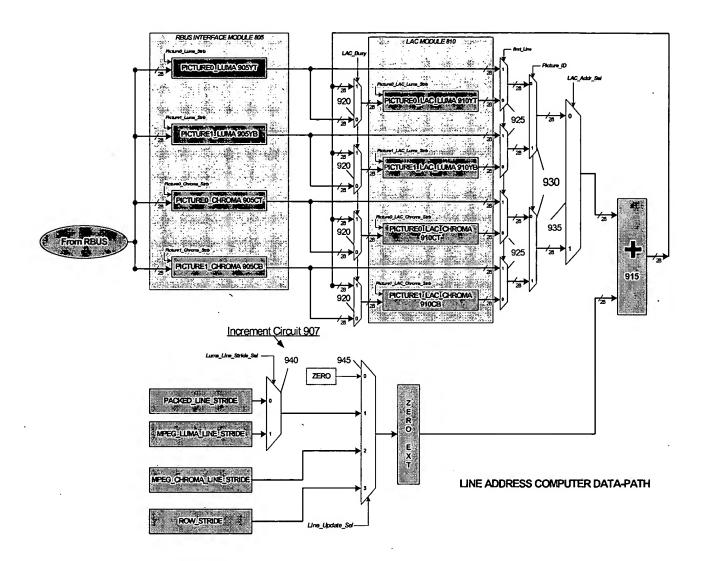


FIGURE 8

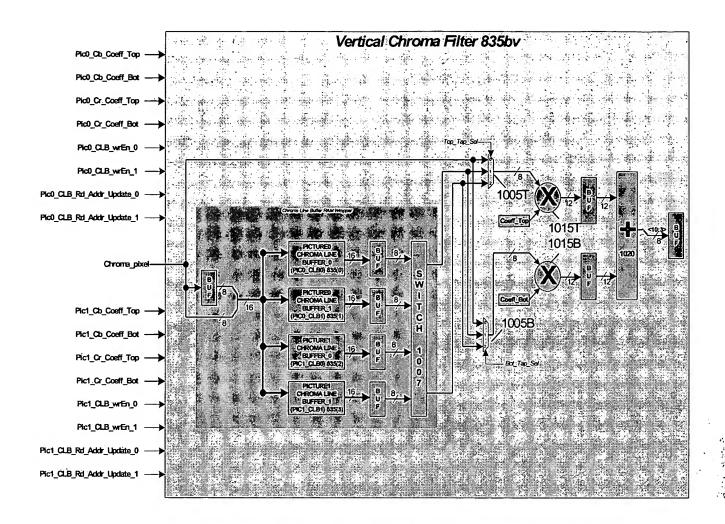


FIGURE 9